

## PROCEEDINGS OF THE SEVENTIETH ANNUAL MEETING

JOHN L. ZIMMERMAN, SECRETARY

The Seventieth Annual Meeting of the Wilson Ornithological Society was held Thursday, 25 May to Sunday, 28 May 1989, at Saint Mary's College, Notre Dame, Indiana. The local committee chaired by Dr. Doris Watt was composed of Joan Apt, Joseph Bellina, Clarence Dineen, Julie Drey, Jeff Grams, Susan Kosek, Brett McLaughlin, Amy Moore, Marge Riemenschneider, Vic Riemenschneider, Arlene Snyder, David Snyder, Marti Wilson, and Jean Woods. The meeting was sponsored by Saint Mary's College and co-hosted by the Department of Biology, Saint Mary's College and the South Bend Audubon Society.

The Council met from 13:00 to 18:15 on Thursday, while registration for the 104 guests and members began in Le Mans Hall. On Thursday evening a delightful reception, provided by Saint Mary's College, was held in conjunction with a wildlife art display in Haggard Center on the campus. The opening session on Friday was convened in the Science Hall where the Society was welcomed by Dr. William Hickey, President of the College. Dr. Mary H. Clench, President, responded for the Wilson Ornithological Society. The scientific papers sessions, which included contributed papers and a series of round-table discussions, were held on Friday and Saturday in the Science Hall.

Early morning field trips on the campus in the bottoms of the historic St. Joseph River and an evening trip for Upland Sandpipers were conducted by members of the South Bend Audubon Society. On Friday, an afternoon trip to the Fernwood Nature Center near Niles, Michigan and an evening walking tour of the Saint Mary's campus provided additional opportunities to become acquainted with the area. On Sunday, there was an extended field trip to the dunes along Lake Michigan, bogs, Warren Woods, and other places of ornithological note in northwestern Indiana and southwestern Michigan.

The annual banquet was held in the dining hall on the campus Saturday evening, after which the following awards were presented:

### EDWARDS PRIZE (for the best major article in volume 100 of *The Wilson Bulletin*)

Mark A. Colwell and Lewis W. Oring, "Breeding biology of Wilson's Phalarope in south-central Saskatchewan," *Wilson Bull.* 100:567-582.

### LOUIS AGASSIZ FUERTES AWARD

Kevin J. Cash, "The adaptive significance of brood reduction in the Swainson's Hawk."

### PAUL A. STEWART AWARDS

Toni L. DeSanto, "Physiological and ecological factors influencing prey selection in the White Ibis."

Robin J. Densmore, "Comparison of aspects of reproductive success between beach and roof nesting Least Terns along the Mississippi Gulf Coast."

Andrea Dinop, "Creching and the development of social behavior in White Ibis chicks."

Stephen P. Flemming, "Do Red-winged Blackbird colonies and roosts function as information centers?"

Lawrence D. Igl, "Dickcissel site tenacity and mate fidelity in response to habitat alteration."

Andrew J. Neill, "The effect of territorial behavior on population density and distribution of the House Wren."

David R. C. Prescott, "Differential migration in the Evening Grosbeak: a test of hypotheses."

Lori A. Willimont, "Sexual dimorphism and foraging ecology of the Great Red-bellied Woodpecker, an island species, and the Red-bellied Woodpecker, a continental species, and reproductive ecology of *Melanerpes superciliosus*."

Hsiao-Wei Yuan, "Demography, dispersal, and population structure of Common Terns on Oneida Lake, New York."

#### ALEXANDER WILSON PRIZE (for best student paper)

Geoffrey E. Hill, Museum of Zoology, University of Michigan, Ann Arbor, MI, "Female mate preference for colorful males in the House Finch (*Carpodacus mexicanus*)."

Selection committees for these awards: Edwards Prize—Charles Blem, Clait Braun, Peter Hicklin, and Anne Wenner; Fuertes and Stewart Awards—Michael Armbruster, Jon Barlow, and Richard Stiehl; Wilson Prize—Jon Barlow, Charles Blem, and Nancy Mueller.

#### FIRST BUSINESS MEETING

The first business meeting was called to order by President Clench at 08:50, Friday, 26 May, in the Science Hall. Secretary Zimmerman summarized the highlights of Thursday's Council meeting. Following the meeting next year with the Association of Field Ornithologists at Wheaton College, Norton, MA, 31 May–3 June 1990, the Society will meet with the Cooper Ornithological Society at the University of Oklahoma, Norman, OK, from 15–19 May 1991. Gary Schnell will be the local chairperson. The treasurer has reported that the Society is in excellent shape with income exceeding expenses by \$1358. The proposed budget for next year totals \$94,000. The present membership is 2280 and reflects no net change from the previous year. Charles Blem has been re-elected as editor. New business of note is the plan to develop travel awards for students giving papers at future meetings. Additionally, it was decided that all students giving papers eligible for the Wilson Prize competition will be the guests of the Society at the annual banquet. The Council also voted to budget \$500 to the new book fund of the Van Tyne Library. Lastly, Zimmerman asked the membership to stand in honor of members who had died since the last annual meeting—Elting Arnold (Chevy Chase, MD), Oliver L. Austin, Jr. (Gainesville, FL), Lillian R. Birkenstein (Allende, GTO, Mexico), James Bond (Philadelphia, PA), Donald J. Borror (Columbus, OH), Elizabeth B. Clarkson (Charlotte, NC), Edward J. Danforth (Orono, ME), Alfred E. Eynon (Verona, NJ), William R. Fish (Boise, ID), Francois Haverschmidt (Ommen, Netherlands), George N. Kent (Rumney, NH), Dorothy A. Mendinhall (Easton, MD), Osborne S. Mitchell (Victoria, BC, Canada), Ruth E. Uhland (San Marcos, CA), and Yoshimaro Yamashina (Konoyama, Abiko, Japan).

Secretary Zimmerman read the report of the nominating committee chaired by James D. Rising (with Abbot S. Gaunt and Scott K. Robinson): Jon C. Barlow, president; Richard C. Banks, first vice-president; Richard N. Conner, second vice-president; Robert D. Burns, treasurer; John L. Zimmerman, secretary; Judy McIntyre and Doris Watt, three-year terms as councilors; Edward J. Burt, two-year term as councilor; and Scott Lanyon, one-year term as councilor.

Robert D. Burns gave the treasurer's report.

# REPORT OF THE TREASURER

## 1 JANUARY 1988 TO 31 DECEMBER 1988

### GENERAL FUNDS

#### RECEIPTS

Regular and Sustaining Memberships for 1988 .....	\$ 12,249.00	
For 1989 .....	15,690.00	
Student Memberships for 1988 .....	1,196.00	
For 1989 .....	1,161.00	
Family Memberships for 1988 .....	240.00	
For 1989 .....	<u>350.00</u>	
TOTAL DUES .....		\$ 30,886.00
Subscriptions to <i>The Wilson Bulletin</i>		
For 1988 .....	\$ 16,084.54	
For 1989 .....	<u>5,254.25</u>	
TOTAL SUBSCRIPTIONS .....		\$ 21,338.75
Back Issues of <i>The Wilson Bulletin</i> .....	\$ 1,357.50	
Interest and Dividends .....	\$ 22,452.25	
Royalties .....	\$ 1,105.74	
Contributions from Authors .....	\$ 13,270.00	
Contributions to The Van Tyne Library .....	\$ 128.00	
Contributions to the Student Membership Endowment .....	\$ 464.00	
Contributions to General Endowment (Life Members and Patrons) ...	\$ 2,402.50	
Contributions to the Edwards Prize .....	\$ 350.00	
Contributions to the Wilson Prize .....	\$ 160.00	
Contributions to the Sutton Art Fund .....	\$ 162.00	
Contributions to the Centennial Fund .....	<u>\$ 1,205.00</u>	
TOTAL RECEIPTS .....		\$ 95,281.74

#### DISBURSEMENTS: 1988

##### *The Wilson Bulletin*

December 1987 .....	\$ 20,829.70	
March 1988 .....	14,388.39	
June 1988 .....	14,674.18	
September 1988 .....	14,814.08	
Total Printing and Mailing .....	64,706.35	
Editor's Expenses .....	3,050.39	
Color Plates .....	<u>4,012.70</u>	
TOTAL PRODUCTION COSTS .....		\$ 71,769.44
OSNA Expenses* .....	\$ 9,600.00	
Student Awards .....	\$ 3,700.00	
Treasurer's Expenses .....	\$ 238.24	
Treasurer's Bond .....	\$ 100.00	
Mailings, Student Membership Award Notices .....	\$ 68.30	
AAZN Dues .....	\$ 100.00	
ICBP Dues .....	\$ 100.00	
Subscriptions and OSNA Refunds .....	\$ 0.00	
Printing and Mailing of Back Issues .....	\$ 200.00	
Incorporation Fee .....	\$ 10.00	

Deposit to Endowment .....	\$ 2,402.50
Bank Charges .....	\$ 5.00
Centennial Meeting Expenses .....	\$ 4,661.59
Wilson Stationery .....	\$ 183.29
President's Expense (Postage) .....	\$ 27.42
Sutton Award .....	\$ 500.00
Van Tyne Library .....	<u>\$ 264.00</u>
TOTAL DISBURSEMENTS .....	\$ 93,929.78
Note: *Newsletter about \$3,000.00	
BALANCE—Income Less Disbursements .....	\$ 1,351.96

*CASH ACCOUNTS*

Peoples Bank, Gambier, OH 43022 31 December 1988	
Checking Account .....	\$ 24,762.65
Dreyfus Liquid Assets .....	<u>30,571.50</u>
TOTAL CASH ON HAND .....	\$ 55,334.15

*DESIGNATED ACCOUNTS*

## Louis Agassiz Fuertes and Margaret M. Nice Awards

Endowment Principal .....	\$ 10,000.00
1988 Earnings .....	\$ 720.00
1987 Balance .....	\$ 80.00
Award Funds Available .....	\$ 800.00
Funds Disbursed for Awards .....	\$ 600.00
1988 Cash Balance .....	\$ 200.00

## Alexander Wilson Prize

Endowment Principal .....	\$ 2,342.41
Funds Available .....	\$ 386.89
Funds Disbursed for Awards .....	\$ 600.00
1988 Cash Balance .....	\$ (168.65)

## Paul A. Stewart Awards

Endowment Principal .....	\$ 22,994.75
1988 Earnings .....	\$ 1,655.22
Funds Disbursed for Awards .....	\$ 1,800.00
1988 Balance .....	\$ (144.38)

## George Sutton Color Plate Fund

Endowment Principal .....	\$ 50,000.00
Funds Available .....	\$ 3,600.00
1988 Funds Available .....	\$ 4,945.86
Funds Disbursed for Color Plates .....	\$ 4,012.70
1988 Cash Balance .....	\$ 945.86

## Ernest P. Edwards Prize

Endowment Principal .....	\$ 2,519.54
Funds Available .....	\$ 700.00
Funds Disbursed for Awards .....	\$ 700.00

## General Endowment Funds

Endowment Principal 1987 .....	\$151,805.95
1988 Balance of General Endowment Principal .....	\$151,786.00

## TOTAL ENDOWMENT FUNDS

1987 Amount Invested (Carrying Value) .....	\$247,739.99
Market Value .....	\$306,963.00
1988 Deposited to Endowment .....	\$2,402.50 <sup>1</sup>
Sale and Purchase of Securities .....	(\$2,382.51) <sup>2</sup>
Endowment Principal as of 12-31-88 .....	\$247,720.00
Market Value as of 12-31-88 .....	\$320,236.00

## Annual Meeting Reserve Funds

1987 Cash Balance .....	\$ 9,000.36
1988 Meeting Expenses .....	\$4,661.59
1988 Balance of Centennial Meeting Funds .....	\$ 4,338.77

The Editor's report was presented by Charles R. Blem.

## EDITOR'S REPORT—1988

In 1988, 172 manuscripts (60 major papers, 112 short communications) were submitted to *The Wilson Bulletin* office. This is a 2% decrease over the number of manuscripts submitted in 1987. Of these, 49% have been accepted, 46% have been rejected, 4% have been returned to authors for revision, and 1% remain under review. This amounts to an acceptance rate of approximately 60% for manuscripts submitted as major papers and 43% for manuscripts submitted as short communications. These figures are not precise because some papers submitted as major papers were accepted only after being shortened to short communication length. Manuscripts accepted for publication are usually published within 3–8 months of acceptance. Frontispiece articles may require a bit longer because there is only one such paper per issue. On the average, papers received in 1988 were returned to the author within about 68 days of receipt. Only three papers required more than 100 days for return and were all delayed by lack of referee response.

I am indebted to the Staff of Allen Press for their continued fine service. I am extremely grateful to Assistant Editors Leann Blem, Albert E. Conway, and Anne Wenner; the Editorial Board including Kathy G. Beal, R. N. Conner, C. H. Stinson, and J. R. Walters; Review Editor George A. Hall; Color Plate Editor William A. Lunk; Index Editor Kathy G. Beal; numerous members of the WOS, particularly R. Banks, R. Burns, C. Braun, M. Clench, S. Gaunt, J. Barlow, J. Jackson, and the more than 280 volunteer referees who so kindly reviewed manuscripts over the past year. I am also indebted to J. E. Jeffrey, Chairman of the Department of Biology, Virginia Commonwealth University and Dean Elske Smith for support of my efforts and the editorial office. Karen Blem deserves special acknowledgment for keeping all of the paperwork in order and for running the editorial office.

We remain committed to improving the quality of the journal, to attracting a wider

<sup>1</sup> This amount was not credited to the Mellon Bank Endowment Funds until January, 1989.

<sup>2</sup> This amount reflects \$20.00 in costs and the amount of endowment not yet credited. During the first Quarter of 1989 the \$2,402.50 plus \$707.52 from sales and maturities was credited. The value of the endowment funds as of March 31, 1989, was \$250,496.00.

readership, and to continuing to retain the qualities that make *The Wilson Bulletin* a distinctive scientific publication. It is our intention to treat every author fairly, handle each manuscript promptly and carefully, and to do everything we can do to encourage submission of manuscripts. Any suggestions for improving the process would be sincerely considered.

President Clench then called for a motion to accept the change in the By-laws as previously published (1988. *Wilson Bull.* 100:711). It was so moved by Peter Stettenheim and seconded by D. Scott Wood. The amendment to the By-laws was passed by the membership.

Jerome Jackson moved and Helmut Mueller seconded that the meeting be adjourned.

## SECOND BUSINESS MEETING

President Clench opened the second business meeting at 13:15, Saturday, 27 May in the Science Hall. The report of the Auditing Committee was received.

We, the undersigned, met on 26 May 1989 to review the financial records presented by the treasurer for the period 1 January 1988 to 31 December 1988. Upon checking these records, consisting of bank statements, cancelled checks, OSNA payments, etc., we are satisfied that they accurately reflect the financial operations of the Society. We believe the balances shown for the General, Designated, and Endowment Funds are accurately stated.

The Auditing Committee commends Dr. Burns for his continuing diligent performance in fulfilling the duties of treasurer for 1988.

Hubert P. Zernickow, *Chairperson*  
Nancy R. Klamm  
William A. Klamm

It was moved by Peter Stettenheim and seconded by Clait Braun to accept this report, and the motion passed.

President Clench recalled the report of the nominating committee to the floor of the assembly, and Richard Stiehl moved that the report be accepted. This was seconded by John Kricher, and the motion passed. Additional nominations from the floor were requested, but none being offered, George Hall moved and Hubert Zernickow seconded that the nominations be closed. This motion also passed. John Kricher then moved with a second from Zernickow that a unanimous ballot be cast. The motion passed, and a unanimous ballot was duly recorded by the secretary.

Richard Conner, chair (with William Eddleman, Peter Hicklin, and Keith Bildstein) presented the report of the resolutions committee.

## REPORT OF THE RESOLUTIONS COMMITTEE

WHEREAS, historical emphasis on wildlife management has been placed on game species, and

WHEREAS, national funding for management of game species is already established through Pitman-Robertson Tax funds, and

WHEREAS, most species of wildlife are not game species, yet need research and favorable management because of habitat alteration by humans,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society strongly encourages the Congress of the United States to provide appropriate funds to finance the Nongame Wildlife Act.

Motion to accept this resolution was made by Robert Burns, seconded by E. H. Burt, and passed by the Society.

WHEREAS, the recent crude oil spill in the Prince William Sound has devastated the

marine, littoral, and benthic environment of that area to include numerous seabirds and mammals, and

WHEREAS, EXXON and Alyeska Corporation apparently did not have an appropriate emergency clean-up action plan developed prior to this major oil spill, and

WHEREAS, a timely and appropriate response to this oil spill was not accomplished.

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society deplores the lethargic clean-up efforts and condemns EXXON and Alyeska Corporation for their lack of an environmental conscience.

A motion to accept this resolution was made by John Kricher, seconded by Richard Banks, and subsequently passed.

WHEREAS, the President of the United States, George Bush, has stated a policy of "No Net Loss of Wetlands," and

WHEREAS, wetlands are a major and valuable habitat for numerous species of wildlife, to include waterfowl, shorebirds, and wading birds,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society strongly encourages President Bush to translate his stated policy into the form of an Executive Order that is binding on all Federal agencies.

A motion to accept this resolution was made by Richard Stiehl and seconded by Tom Bancroft. The motion passed.

WHEREAS, most of approximately 80 species of shorebirds are international migrants that travel some of the length of the western hemisphere, and

WHEREAS, these shorebirds depend upon suitable habitat that is adequately spaced along a chain of breeding, stopover, and wintering sites, and

WHEREAS, many of these needed habitats are wetlands and grasslands often exploited for economic benefit, and

WHEREAS, recent studies have indicated alarming declines in shorebird populations, and

WHEREAS, actions necessary to preserve critical habitat needed by migrating shorebirds are of international scope,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society applauds and supports the major international conservation initiative for shorebirds of the Western Hemisphere Shorebird Reserve Network.

Edward H. Burt moved to accept this resolution, it was seconded by Herbert T. Hendrickson, and passed by the Society.

WHEREAS, recent information indicates that most populations of Red-cockaded Woodpeckers (*Picoides borealis*) are declining, and

WHEREAS, this woodpecker has been federally listed as an endangered species for more than 18 years, and

WHEREAS, current laws and management have not been effective in either stabilizing or recovering this species,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society strongly urges the U.S. Fish and Wildlife Service to reestablish a recovery team for the Red-cockaded Woodpecker to oversee and evaluate the effectiveness of existing management of this species' habitat on federal, state and private lands.

A motion to accept this resolution was made by Richard Banks, seconded by George Hall, and passed by the Society.

WHEREAS, Richard C. Banks has worked diligently to assure the timely publication of the Ornithological Newsletter, and

WHEREAS, this publication is an excellent and increasingly indispensable newsletter within the ornithological community,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society commends

Dick Banks and extends its deepest appreciation and thanks to him for this dedicated contribution to ornithology.

In response to a motion to accept by George Hall, which was seconded by D. Scott Wood, the membership passed said motion with loud acclaim.

WHEREAS, Dr. William G. George served the Wilson Ornithological Society for many years as the Society's official representative in its state of incorporation, Illinois, and

WHEREAS, ill health has now required him to resign from this responsibility, and

WHEREAS, his friends and colleagues in the Society have missed his stimulating companionship at recent annual meetings,

THEREFORE BE IT RESOLVED that the members of the Wilson Ornithological Society, gathered together at Saint Mary's College in Notre Dame, Indiana, send their warm greetings to Bill, with hopes for a successful recovery and appreciation for years of friendship and important contributions to ornithology.

Peter Stettenheim moved, Richard Brewer seconded, to accept this resolution, and it was passed by the Society.

WHEREAS, the annual meeting for 1989 was graciously sponsored by Saint Mary's College, and co-hosted by the Department of Biology, Saint Mary's College, and the South Bend Audubon Society, and

WHEREAS, the excellent facilities and beautiful campus of Saint Mary's College enhanced the friendly atmosphere of the meeting, and

WHEREAS, the chair of the Scientific Program Committee arranged a series of interesting and informative papers, and a stimulating program of roundtable discussions, and

WHEREAS, the superb organization and enjoyable social events provided by the Committee on Local Arrangements contributed greatly to the smooth operation and congeniality of the meeting,

BE IT RESOLVED that the members of the Wilson Ornithological Society express their appreciation to the Committees on Local Arrangements and on Scientific Program, to the sponsor and co-hosts of the meeting, and especially to Doris Watt and Dick Banks, who all contributed greatly to a most enjoyable meeting.

A motion to accept with sincere acclamation was made by Peter Stettenheim, seconded by Richard Stiehl, and indeed acclaimed with loud applause for a job well done.

John Kricher officially invited the Society to the seventy-first meeting at Norton, MA, 31 May to 3 June 1990, in joint session with the Association of Field Ornithologists.

Helmut Mueller moved and Richard Banks seconded to adjourn the meeting, and it was.

The only written report from standing committees was provided by the library committee, which is as follows:

#### REPORT OF JOSSELYN VAN TYNE MEMORIAL LIBRARY COMMITTEE—1988

The library's operations have gone forward about as usual during the year, with perhaps a slump in certain of the figures. Janet Hinshaw has been as busy as ever, keeping our affairs running, while already overworked with her regular Bird Division duties.

To continue an upward trend requires constant support of the membership at large: more donations, more use of the facilities, and more indirect help through purchase of our surplus items.

During 1988, 39 members and institutions borrowed 281 books, xerox copies, and journal issues, in a total of 77 separate transactions. This is very close to last year's level of use.

Thirty members donated a total of 852 items to the library: 33 books, 192 journal issues, 49 monographs and reports, 576 reprints, and 2 dissertations. More of these figures are low than high, as compared with last year. The donors were R. Bayer, A. J. Berger, J. Cross, W.

Eddleman, P. Frederick, J. Gapczynski, S. Goodman, G. Hall (*Wilson Bulletin* review copies), K. Haller, P. Hamel, B. Harrell, J. Hinshaw, S. Holohan, J. R. Jehl, Jr., M. Kielb, F. E. Lohrer, S. B. McNair, M. K. McNicholl, R. B. Payne, R. Prum, S. W. Richards, C. Ross, G. Schnell, S. Sealy, M. Stern, P. A. Stewart, R. W. Storer, J. G. Strauch, Jr., J. Warham, and T. Will.

Twenty new books and tapes, and a dissertation were purchased from the New Book Fund for \$420.44. Since only \$103.70 was realized from sale (4 books and 8 journals) the fund is becoming depleted. We are asking for some more Society subsidy, at least temporarily.

Received by various means were 215 current serial publications and reprints, from a total of 161 institutions, organizations, and members: 160 were through exchange, 45 as gifts, and 10 by subscription.

Our thanks go out, once more, for all the support we keep getting. We have no choice, however, but to keep encouraging more. Our holdings become more and more valuable with each passing year.

William A. Lunk, *Chair*

The Committee on Scientific Program, chaired by Richard Banks, was assisted by the following session moderators: Richard N. Conner, Charles R. Smith, Kerry N. Rabenold, Robert B. Payne, and Reed Bowman.

#### PAPERS SESSIONS

P. E. Lowther, S. M. Lanyon, and D. E. Willard, Field Museum of Natural History, Chicago, IL, "Computer catalog at Field Museum."

M. H. Clench, Dept. Internal Medicine, Univ. Texas Med. Branch, Galveston, TX, "Body pterylosis of the Old World oscines."

J. C. Barlow, Dept. Ornithol., Royal Ontario Mus., Toronto, ON, W. B. McGillivray, Provincial Mus. Alberta, Edmonton, AB, and E. Lee, Innis College, Univ. Toronto, Toronto, ON, "The Solitary Vireo (*Vireo solitarius*) in Alberta: one species or two?"

R. C. Banks, U.S. Fish and Wildl. Service, National Mus. Natural History, Washington, DC, "Two endemic hummingbirds of Guerrero, Mexico."

S. J. Kitler and R. Brewer, Dept. Biol. Sci., Western Michigan Univ., Kalamazoo, MI, "Dispersal patterns of female Tree Swallows (*Tachycineta bicolor*)."

D. L. Beaver, P. E. Lederle, and R. W. Hill, Dept. Zoology and The Museum, Michigan State Univ., E. Lansing, MI, "Characteristics of nestling Tree Swallows (*Tachycineta bicolor*) in relation to weather induced mortality."

D. S. McGeen, Pontiac, MI, "The complete habitat-Kirtland's Warbler-cowbird cycle."

D. Coker and J. L. Confer, Biol. Dept., Ithaca College, Ithaca, NY, "Brown-headed Cowbird (*Molothrus ater*) parasitism of the Golden-winged Warbler (*Vermivora chrysoptera*)."

R. N. Conner, D. C. Rudolph, Southern Forest Exper. Sta., Nacagdoches, TX, and D. L. Kulhavy, School of Forestry, Stephen F. Austin State Univ., Nacogdoches, TX, "Causes of mortality in Red-cockaded Woodpecker (*Picoides borealis*) cavity trees."

R. W. Dexter, Dept. Biol. Sci., Kent State Univ., Kent, OH, "Recovery and decline of resident Chimney Swifts with analysis of mating success (1968-1985)."

R. Blair, School of Natural Res., Univ. Michigan, Ann Arbor, MI, "Water quality and the summer distribution of Common Loons in Wisconsin, Michigan, New York, and New Hampshire."

M. A. Byrd, Dept. Biol., College of William and Mary, Williamsburg, VA, "Population status of Chesapeake Bay Bald Eagles."

- R. B. Clapp, U.S. Fish and Wildl. Service, National Mus. Natural History, Washington, DC, "Status and trends in populations of marine birds of North America."
- J. S. Castrale, Indiana Div. Fish and Wildlife, Mitchell, IN, "Summer distribution and population trends of Tyrannids in Indiana."
- J. R. Sauer, D. K. Dawson, and S. Droege, U.S. Fish and Wildl. Service, Patuxent Wildl. Res. Center, Laurel, MD, "Population trends of Field Sparrows (*Spizella pusilla*)."
- C. R. Smith, Lab. Ornithology, Cornell Univ., Ithaca, NY, "Status of breeding birds in New York State."
- K. N. Rabenold, Dept. Biol. Sci., Purdue Univ., W. Lafayette, IN, "Latitudinal variation in avian species diversity in forest communities."
- D. Stotz, Committee Evol. Biol., Univ. Chicago, Chicago, IL, "Variation in composition of mixed species flocks across Amazonia."
- K. L. Petersen, Dept. Biol., Monmouth College, Monmouth, IL, and L. B. Best, Dept. Animal Ecol., Iowa State Univ., Ames, IA, "Factors related to nesting success in sagebrush passerines: is nest-site selection adaptive?"
- D. A. Cristol, Dept. Biol., Indiana Univ., Bloomington, IN, and D. C. Evers, Kalamazoo Nature Center, Kalamazoo, MI, "A test of the behavioral dominance hypothesis: do dominant Dark-eyed Juncos (*Junco hyemalis*) winter farther north than subordinants?"
- R. B. Payne and L. L. Payne, Mus. Zoology and Dept. Biol., Univ. Michigan, Ann Arbor, MI, "Heritabilities, behavior observations, and extra-pair matings in Indigo Buntings."
- R. Gruys, Dept. Zoology, Univ. Alberta, Edmonton, AB, "Winter movements of a Willow Ptarmigan (*Lagopus lagopus*)."
- T. D. Pitts, Biol. Dept., Univ. Tennessee at Martin, Martin, TN, "Seasonal changes in Eastern Bluebird body weight."
- D. S. Evered, Dept. Biol. Sci., Univ. Cincinnati, Cincinnati, OH, "Meteorological correlates of migrant landbird population dynamics in an urban habitat island."
- C. R. Blem and L. B. Blem, Dept. Biol., Virginia Commonwealth Univ., Richmond, VA, "Nest-site selection by Prothonotary Warblers (*Protonotaria citrea*)."
- G. E. Hill, Mus. Zoology, Univ. Michigan, Ann Arbor, MI, "Female mate preference for colorful males in the House Finch (*Carpodacus mexicanus*)."
- M. S. Woodrey, Dept. Zoology, Ohio State Univ., Columbus, OH, "Economics of caching versus immediate consumption in White-breasted Nuthatches: the effects of handling time."
- W. H. Piper and R. H. Wiley, Dept. Biol., Univ. North Carolina, Chapel Hill, NC, "A study of range size in wintering White-throated Sparrows (*Zonotrichia albicollis*)."
- R. Bowman and G. T. Bancroft, National Audubon Soc., Research Dept., Tavernier, FL, "Influence of diet on reproductive success in White-crowned Pigeons (*Columba leucocephala*)."
- J. G. Granlund, Whitefish Point Bird Observatory, Kalamazoo, MI, "Spring migration of Common Loons (*Gavia immer*) at Whitefish Point Bird Observatory."
- G. Ritchison, Dept. Biol. Sci., Eastern Kentucky Univ., Richmond, KY, "The flight song of Common Yellowthroats: description and possible function."
- P. P. Rabenold and K. N. Rabenold, Dept. Biol. Sci., Purdue Univ., W. Lafayette, IN, "Response to predators by cooperatively breeding wrens (*Campylorhynchus nuchalis*) is determined by group size."
- R. H. Yahner, School of Forest Resources, Pennsylvania State Univ., University Park, PA, W. C. Bramble and W. R. Byrnes, Dept. Forestry and Nat. Resources, Purdue Univ., W. Lafayette, IN, "Breeding bird response to a new right-of-way maintenance method."

#### Round-table discussions:

How to get a paper accepted, C. R. Blem with J. Barlow, K. Bildstein, C. Braun, A. Brush, E. H. Burt, G. A. Hall, J. Jackson, P. Stettenheim, and R. Storer.

Urban bird studies, D. F. Caccamise with D. K. Dawson, R. Dolbeer, M. Luniak, and A. L. A. Middleton.

Ornithology and the greenhouse effect, E. J. Tramer with G. A. Hall and J. L. Zimmerman.

Non-traditional uses of museum collections, D. S. Wood.

#### ATTENDANCE

CALIFORNIA: *Riverside*, Joe Galusha.

COLORADO: *Fort Collins*, Clait Braun, Richard Stiehl.

CONNECTICUT: *Storrs*, Alan Brush.

DISTRICT OF COLUMBIA: *Washington*, Richard Banks, Roger Clapp.

FLORIDA: *Tavernier*, Thomas G. Bancroft, Reed Bowman.

ILLINOIS: *Brookfield*, Dennis and Leslie DeCouncey; *Chicago*, Peter Lowther, Douglas Stotz, David Willard; *Monmouth*, Kenneth Petersen.

INDIANA: *Bloomington*, Daniel Cristol; *Hanover*, Mr. and Mrs. Dan Webster; *Lakeville*, Amy Moore; *Mishawaka*, Rebecca Parker; *Mitchell*, John Castrale; *Notre Dame*, Joseph J. Bellina, David Snyder, Doris Watt; *South Bend*, Mr. and Mrs. Victor Riemenschneider, Marti Wilson; *West Lafayette*, Walter Piper, Kerry N. and Patricia Parker Rabenold.

KANSAS: *Manhattan*, John L. Zimmerman.

KENTUCKY: *Richmond*, Gary Ritchison.

MARYLAND: *Laurel*, Deanna Dawson, John Sauer.

MASSACHUSETTS: *Foxboro*, William (Ted) Davis; *Norton*, John Kricher.

MICHIGAN: *Ann Arbor*, Robert Blair, Robert Cullbert, Geoff Hill, Janet Hinshaw, Bob and Laura Payne, Louise and Robert Storer, Jean Woods; *East Lansing*, Donald Beaver, Elizabeth Rogers; *Grand Rapids*, Steve Kitler; *Kalamazoo*, Raymond J. Adams, Jr., Richard Brewer, James Granlund, John Yunger; *Pleasant Lake*, Hubert Zernickow; *Pontiac*, Mr. and Mrs. Dan McGeen.

MISSISSIPPI: *Mississippi State*, Jerome A. Jackson.

NEW HAMPSHIRE: *Lebanon*, Peter Stettenheim.

NEW JERSEY: *New Brunswick*, Donald F. Caccamise, Maciek Luniak.

NEW YORK: *Ithaca*, Karen Allaben-Confer, Dan Coker, John Confer, Charles Smith.

NORTH CAROLINA: *Chapel Hill*, Helmut Mueller; *Durham*, Nancy Mueller; *Greensboro*, Herb Hendrickson; *Raleigh*, John Gerwin.

OHIO: *Bowling Green*, Thomas Carpenter; *Cincinnati*, Duncan S. Evered, Lyla R. Messik; *Columbus*, David Cimprich, Mark Woodrey; *Delaware*, Edward Burt; *Gambier*, Robert Burns; *Kent*, Ralph W. Dexter; *Lakewood*, Nancy and William Klammer; *Sandusky*, Richard A. Dolbeer; *Toledo*, Chris Manzey, Mr. and Mrs. Harold Mayfield, Elliot Tramer.

OREGON: *Ashland*, John McCormick.

PENNSYLVANIA: *Pittsburgh*, D. Scott Wood; *Scranton*, Michael Carey; *University Park*, Richard Yahner.

TENNESSEE: *Martin*, David Pitts; *Maryville*, Ralph Zaenglein.

SOUTH CAROLINA: *Rock Hill*, Keith Bildstein.

TEXAS: *Galveston*, Mary Clench; *Nacogdoches*, Richard Conner.

VIRGINIA: *Manassas*, Roxie Laybourne; *Richmond*, Charles and Leann Blem; *Williamsburg*, Mitchell Byrd, Anne Wheeley.

WEST VIRGINIA: *Morgantown*, George Hall.

WISCONSIN: *Fond du Lac*, Ron Barrett; *Menasha*, Mike Minoch.

ALBERTA: *Edmonton*, Rogier Gruys, Esther Schaeppi, Barbara Zweifel.

NEW BRUNSWICK: *Sackville*, Peter Hicklin.

ONTARIO: *Guelph*, Alex Middleton; *Toronto*, Jon Barlow, Jim Dick.